

L 5268-66 FBD/ENT(1)/YCS(k) GW/MS-2/WR
 ACCESSION NR: AP5022800

UR/0141/65/008/004/0768/0770
 621.396.677.497:523.164

AUTHOR: Origor'vay, G. I.,⁶⁵ Koyner, M. B.,⁶⁵ Nikiforova, O. O.,⁶⁵ Obolenskiy, L. M.,⁶⁵
 Samsonov, A. V.,⁶⁵ Trakhtengerts, V. Yu.,⁶⁵

TITLE: logarithmic-periodic helical exciter for a paraboloid with 1:7 frequency coverage

SOURCE: IVUZ. Radiofizika, v. 8, no. 4, 1965, 768-770

TOPIC TAGS: antenna directivity, conic antenna, antenna polarization, radio telescope antenna

ABSTRACT: The authors present the results of tests on a model of a broadband exciter for the 15-meter paraboloid of the Zimenki radio telescope. The model scale was 1:10. The reflector used was a parabolic cylinder with focal distance 0.525 m, height 1 m, and aperture $D = 1.5$ m. The exciter was a conical bifilar-wound cable helix with vertex angle 90° and pitch angle 7° . The vertex of the cone was at the focus of the paraboloid. The directional pattern and the standing wave ratio of the system were measured in the range $1.5 < D/\lambda < 10$, where λ is the working wavelength. The results are shown in Fig. 1 of the Enclosure. The fact that a directivity angle of 10° can be obtained with D/λ close to 2 is taken as an indi-

Card 1/12

0701/1179

L 5268-66

ACCESSION NR: AP5022800

cation that such a system can ensure high directivity with small antenna dimensions. It is emphasized, however, that no final conclusions can be drawn until phase-distribution measurements are made. The results for horizontally polarized radiation differ little from those for vertical polarization, except that side lobes appear at some frequencies. "The authors thank Yu. M. Zhidko for a discussion of the results." Orig. art.has: 2 figures. 6

ASSOCIATION: Gor'kovskiy gosudarstvennyy universitet (Gor'kiy State University) 55

SUBMITTED: 08Jul64

ENCL: 01

SUB CODE: AA, EC 55

NO REF SOV: 001

OTHER: 004

ATD PRESS: 4137

Cord 2/72

L 11192-66 EWT(1)/FCC/EMA(h) GW

ACC NR: AP6002757

SOURCE CODE: UR/0203/65/005/006/1103/1105

AUTHOR: Trakhtengerts, V. Yu.

ORG: Radio Physics Institute, Gor'kiy State University (Radiofizicheskiy institut pri Gor'kovskom gosudarstvennom universitete)

TITLE: Kinetic instability of the earth's outer radiation zone

SOURCE: Geomagnetizm i aeronomiya, v. 5, no. 6, 1965, 1103-1105

TOPIC TAGS: radiation belt, electron distribution

ABSTRACT: A formula is given for velocity distribution of electrons in the outer radiation belt of the earth. The author considers the kinetic instability of this distribution with respect to ultralow frequency radiation. It is found that when the distribution function for electrons in the outer radiation belt is anisotropic, which is typical for magnetically disturbed periods, comparatively small flux densities result in kinetic instability which causes intense diffusion of electrons in the cone of losses with a characteristic time of approximately one hour. The results indicate that kinetic instability may play an important role in the dynamics

Card 1/2

UDC: 538.691

L 14192-66

ACC NR: AP6002757

of the entire outer radiation belt of the earth. Orig. art. has: 12 formulas.

SUB CODE: 08/ SUBM DATE: 31May65/ ORIG REF: 005/ OTH REF: 004

Card 2/2

TRAKHTER, A.S.; TREPELKOVA, L.I.; PALEY, M.I.

Cold-hardening adhesive for gluing polyvinylchloride plastics
to themselves and to other materials. Plast.massy no.8:64-67
'62. (MIRA 15:7)

(Plastics) (Adhesives)

TRAKHTER, B.S.; GARCHENKO, V.T.; GILLER, I.Ye.; SHAROPIN, V.D., redaktor;
MIKHAYLOV, O.A., redaktor; PETROVA, N.S., tekhnicheskiy redaktor.

[Operation cycle regulation in an open-hearth process plant] Regla-
mentirovannyi rezhim raboty martenovskogo tsekha. Moskva, Gos.
nauchno-tekhn. izd-vo lit-ry po cherno i tsvetnoi metallurgii, 1954.
83 p. (MIRA 8:1)

(Steel industry) (Industrial management)

~~TRAKHTER, B.S.~~

KULINOK, Ye.A.; TRAKHTER, B.S., red.; YABLONSKAYA, L.V., red.izd-va;
PETROVA, N.S., tekhn.red.

[Masonry work in blast and open-hearth furnaces; a manual for schools
and courses for foremen] Kladka domennykh i martenovskikh pechei;
uchebnoe posobie dlia shkol i kursov masterov. Moskva, Gos.nauchno-
tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1958. 217 p.
(Open-hearth furnaces) (MIRA 11:7)
(Blast furnaces)
(Masonry)

TRAKHTER, B.S.

Call Nr AF: 1141885

AUTHOR: See Table of Contents

TITLE: Blast Furnace Practice (Domennoye proizvodstvo.)
Collected Articles (Sbornik Statey).

PUB.DATA: Gosudarstvennoye nauchno-tekhnicheskoye izdatel'stvo
literatury po chernoy i tsvetnoy metallurgii, Moscow,
1957, 140 pp. 3,000 copies

ORIG. AGENCY: None

EDITOR: Trakhter, B.S.; Ed. of the Publishing House;
Rozentsveyg, Ya.D.; Tech.Ed.: Mikhaylova, V.V.

PURPOSE: See Table of Contents.

Card 1/7

Blast Furnace Practice (Cont.)

Call Nr AF: 1141885

COVERAGE: The book deals with Russian contributions. For references and personalities, see Table of Contents.

TABLE OF CONTENTS: 1. Manchinskiy, V.G., and Antonov, V.G., Eng., Hydrogen and Carbon Monoxide Reduction of Iron Ores Under High Pressure. 3-19

The authors mention in the text: A.P. Lyuban, Professor at the Leningrad Polytechnical Institute im. Kalinin; M.Ya. Ostroukhov, Candidate of Techn.Sc.; V.A. Anikeyev, A.S. Melent'yev; A.M. Tsylev; Ye.P. Tatiyevskaya; G.I. Chufarov; V.I. Karmazin. The experiments described in the article were carried out in the Laboratory of Cast-Iron Metallurgy at the Leningrad Polytechnical Institute im. Kalinin. There are 12 references, 5 of which are Russian, 4 German, 3 American.

Card 2/7

Blast Furnace Practice (Cont.)

Call Nr AF: 1141885

2. Litvinova, T.I., Candidate of Techn.Sc.
Mineralogical Composition of Iron-Limestone
Sinters. 20-37

The personalities mentioned in the text are:
V.Ya. Miller; Ye.I. Kaminskaya; N.A. Yarkho;
N.M. Yakubtsiner; V.Ye. Ioffe; A.N. Pokhvisnev;
M.S. Goncharevskiy, N. S. Snagovskaya. The
facilities mentioned are: Central Laboratory of
the "Zaporozhstal'" Works. The single reference
given by the author is Russian.

Card 3/7

Blast Furnace Practice (Cont.)

Call Nr AF: 1141885

3. Sigov, A.A., Candidate of Techn.Sc., Red'ko, Yu.,
Eng. Percent Excess Air in Sintering Krivoy Rog
Iron Ores with Suction Fans of Different Capacities.
38-55

The personalities mentioned by the authors are:
S.T. Rostovtsev; A.M. Parfenov; A.N. Machkovskiy;
A.P. Nikolayev; T.A. Kramnik. The facilities mentioned are: Sintering Laboratory of the Kiev Polytechnical Institute and the Plant im. Dzerzhinskiy. There are 7 references, all Russian.

4. Soldatkin, A.I., Docent, Candidate of Techn.Sc.
Reduction of Manganese in Sinters by Carbon. 56-72

The personalities mentioned in the text are:
A.P. Lyuban and M.M. Leybovich. No facilities are mentioned. There are 9 references, 5 of which are USSR, 4 German.

Card 4/7

Call Nr AP: 1141885

Blast Furnace Practice (Cont.)

5. Konovalov, V.V., Docent, Candidate in Techn.Sc.
Krivoy Rog Iron Ore Fines for Sintering. 74-88

The following personalities are mentioned:
K.I. Bogdanovich, Junior Research Associate;
A.K. Rudkov, Eng. No facilities are mentioned.
There are no references.

6. Galemin, I.M., Docent, Candidate of Techn.Sc.
Gas Permeability of the Different Sections of the
Shaft Material Column. 89-99

The author mentions in the text only one personality, namely, A.D. Gotlib, Professor, Doctor of Technical Sciences. No facilities are mentioned. There are 2 references, both of which are Russian.

Card 5/7

Blast Furnace Practice (Cont.)

Call Nr AF: 1141885

7. Gulyga, D.V., Engineer. Coke Combustion in the Large Blast Furnace. 100-111

The only personality mentioned by the author in the text is V.T. Basov. Only one facility is mentioned: the blast furnaces of the "Azovstal". There are 5 references, all of which are Russian.

8. Ostroukhov, M.Ya., Candidate of Technical Sciences. Heat Exchange in the Blast Furnace. 112-120

The following personalities are mentioned in the text: B.I. Kitayev; Kinni; M.A. Pavlov, Academician. The author names the following facilities: Furnace No.1 of the Magnitogorskiy zavod; Furnace No.4 of the Yuzhnyy zavod; Novo-Tagil'skiy zavod; Kuznetskiy metallurgicheskiy zavod; Serovskiy zavod. There are 6 references, 5 of which are Russian, 1 American.

Card 6/7

Call Nr AF: 1141885

Blast Furnace Practice (Cont.)

9. Soldatkin, A.I., Docent, Candidate of Techn.Sc.
Hydrogen Reduction of the Higher Manganese Oxides
in Sinters and in Manganese Ore. 121-141

The author mentions the following personalities in the text: E.P. Tatiyevskaya; G.I. Chufarov; V.K. Antonov; A.N. Pokhvisnev; M.S. Goncharevskiy; V.G. Manchinskiy; P. Kanibolotskiy. The author mentions no facilities. There are 9 references, 8 of which are Russian.

Card 7/7

POPOV, L.V., inzh.; TRAKHTER, L.P., inzh.; YURCHUK, V.A., inzh.

Networks for the electric power supply of oil fields. Prom.energ.
17 no.5:45-46 My '62. (MIRA 15:5)
(Electric power distribution) (Oil fields)

PATKOVSKIY, Andrey Borisovich; TRAKHTER, V.S., redaktor; SHAROPIN, V.D., redaktor; ATTOPOVICH, M.K., tekhnicheskii redaktor.

[Ferrous metallurgy sintering plants] Aglomeratsionnye fabriki
chernoii metallurgii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po
chernoii i tsvetnoii metallurgii, 1954. 238 p. (MLRA 8:1)
(Metallurgical plants)

TRAKHTEROV, G. L.

Author: Trakhterov, G. L.

Title: Casting of Articles from Aluminum Alloys in Chill Molds. Ed. by A. G. Spasski
165 pp., illus.

Date: 1945. Moscow

Subject: 1. Aluminum Founding. 2. Aluminum Alloys.

Available: Library of Congress, Call No: TS555.168

Source: Lib. of Cong. Subj. Cat., 1950

TRAKHTEROV, G. L.

Author: Trakhterov, G. L.

Title: Casting of Articles from Aluminum Alloys on Chill Molds. 14. By G. L. Trakhterov.
105 pp., illus.

Date: 1965. Moscow

Subject: 1. Aluminum Foundry. 2. Aluminum Alloys.

Availability: Library of Congress, Call No: T6558.163

Source: Lib. of Cong. Serj. Cat., 1969

TRAKHTMAN, B.D.

Adjustment in cogging mills. Metallurg no.5:32-33 My '56.
(MIRA 9:9)

1. Zamestitel' nachal'nika obzhimnogo tsekha po ad'yustazhu
Magnitogorskogo metallurgicheskogo kombinata.
(Rolling (Metalwerk))

TRAKHTMAN, B.N.

GRYAZEV, N.N., kandidat khimicheskikh nauk; RAKHOVSKAYA, S.M., inzhener;
TRAKHTMAN, B.N., inzhener.

Volga region diatomites as adsorbents for continuous recovery
of transformer oil. Elek.sta. 25 no.12:33-34 D '54.(MLRA 7:12)
(Diatomaceous earth) (Insulating oils)

TRAKHTMAN, I.M.; IOFFE, A.B.; CHERNYI, N.I.; KUZNETSOV, S.M.; SOLOV'YEV, N.
P.; DOROGUSH, G.I.; KAFUSTIN, L.D.; VINBERG, B.G.; RUECHINSKIY, Z.
M.; PETRO, G.A.; ZAGORDAN, N.M.; BRAVIN, V.F.

Multiple-unit rail car with regenerative braking. Prom. energ. 15
no.11:18-19 N '60. (MIRA 14:9)
(Railroad motorcars) (Electric railway motors)

SOV/137 59-2 2345 K

Translation from: Referativnyy zhurnal Metallurgiya, 1959, Nr 2 p 16 (USSR)

AUTHOR: Trakhtman, L. D.

TITLE: Apparatus for Automatically-dispatching Remote Control of Open hearth Furnace Operation. Report at the Meetings of the Electrotechnical, Steel-smelting, and Economic Sections of the Society (Ustanovka dlya avtomaticheskogo dispetcherskogo telekontrolya za rabotoy martenovskoy pechi. Doklad na zasedaniyakh elektrotekhn. stale plavil'noy i ekon. sektsiy o-va)

PERIODICAL: Ukr. resp. pravl. Nauchno-tekhn. o-va chernoy metallurgii. Dnepropetrovsk.. 1957 (1958). 25 pp. ill. free.

ABSTRACT: Bibliographic entry

Card 1/1

TRAKHTMAN, Lev Davidovich; OL'SHANSKAYA, I.V., inzh., ved. red.;
RAZGON, V.N., inzh., red.; SOROKINA, T.M., tekhn. red.

[Remote control arrangement in an open-hearth furnace plant]
Telemekhanicheskoe ustroistvo v martenovskom tsekhe. Moskva,
Filial Vses. in-ta nauchn. i tekhn. informatsii, 1958. 27 p.
(Peredovoi nauchno-tekhnicheskii i proizvodstvennyi opyt.
Tema 1. No.M-58-176/3) (MIRA 16:3)
(Open-hearth furnaces--Equipment and supplies)
(Remote control)

ТРАКТИОН, Л. П.

Electrical Engineering
Abst.
Section B
March 1954
Traction.

621. A method for determining voltage oscillations in traction systems. L. M. TRACHIMAN. *Elektricheskoye, 1953, No. 9, 34-7. In Russian.*
The existing methods of calculating the voltage of traction systems do not take into account the relation between loading conditions and voltage. A graphical method of determining the voltage at various points of the system, considering the external characteristics of the traction motors is presented. The method enables in particular the voltage oscillations to be determined easily during recuperative braking. This is shown by several examples.

B. F. KRAUS

YEFREMOV, I.S.; MARKOVNIKOV, V.L.; PAL'KEVICH, B.S., professor, doktor tekhnicheskikh nauk, retsenzent; TRAKHTMAN, L.M., kandidat tekhnicheskikh nauk, dotsent; KLENNIKOV, V.M., inzhener, redaktor.

[Trolley buses; design and calculation] Trolleibussy; konstruktsiya i raschet. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit.i sudostroit. lit-ry, 1954. 379 p.
(Trolley buses) (MLRA 7:6)

TRAKHTMAN L.M.
YEFREMOV, I.S.; MARKOVNIKOV, V.L., kandidat tekhnicheskikh nauk, retsen-
sent; KLENNIKOV, V.M., inzhener, nauchnyy redaktor; TRAKHTMAN, L.M.,
kandidat tekhnicheskikh nauk, nauchnyy redaktor; IOFFE, N.L., re-
daktor izdatel'stva; GUROVA, O.A., tekhnicheskiy redaktor.

[Trolley buses; principles of theory, design and calculations]
Trolleibussy; osnovy teorii, konstruktсии i rascheta. Moskva, Izd-
vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1954. 479 p.
(Trolley buses)
(MIRA 7:11)

^{MAN}
T. A. M. L. R.

Medel', V. B.
Shlikhto, P. N.
Zakharchenko, D. D.
Tikhmenev, B. N.
Trakhtman, L. M.
Zorokhovich, A. Ye.
Krylov, S. K.

"Electric Railroad Rolling Stock" (textbook
3 vols)

Moscow Electromechanical
Institute of Railroad
Engineers imeni
F. E. Dzerzhinskiy

TRAKHTMAN, L. M.

The Committee on Stalin Prizes (of the Council of Ministers USSR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1952 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 20 Feb - 3 Apr. 1954)

<u>Name</u>	<u>Title of Work</u>	<u>Nominated by</u>
Trakhtman, L. M.	"Rolling Stock of Electric Railroads" (textbook, 3 vol)	Moscow Electromechanical Institute of Railroad Engineers imeni V. E. Dzerzhinskiy

80: W-30604, 7 July 1954

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756430001-4

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756430001-4"

BATALOV, Nikolay Mikhaylovich; TRAKHTMAN, Leonid Mironovich; STEPANOV, A.D., kand.tekhn.nauk, retsenzent; BYCHKOVSKIY, A.V., kand.tekhn.nauk, red.; TIKHONOV, A.Ya., tekhn.red.

[Handbook on electrical equipment in railroad rolling stock]
Spravochnik po tiagovomu elektrooborudovaniyu zheleznodorozhnogo podvizhnogo sostava. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1956. 159 p. (MIRA 12:8)
(Railroads--Electric equipment)

TRAKHTMAN, I.M., kandidat tekhnicheskikh nauk, redaktor; KALININ, V.K.,
redaktor; KHITROV, P.A., tekhnicheskii redaktor

[Electric locomotives on a single-phase current of industrial
frequency] Elektrovozy odnofaznogo toka promyshlennoi chastoty.
Moskva, Gos. transp. shel-dor. izd-vo, 1956. 183 p. (MLRA 9:10)
(Electric locomotives)

SOV/112-57-9-18861

Translation from: Referativnyy zhurnal, Elektrotehnika, 1957, Nr 9, p 120 (USSR)

AUTHOR: Trakhtman, L. M.

TITLE: Modern Commercial-Frequency AC Electric Locomotives and Electric Motor Cars (Sovremennyye elektrovozy i motornyye vagony peremennogo toka promyshlennoy chastoty)

PERIODICAL: V sb.: Elektrovozy odnofaz. toka prom. chastoty, M., 1950, pp 4-36

ABSTRACT: This is a survey and an analysis of the development and adoption of electrified railroad transportation in various countries using DC and AC with 16-2/3 and 25 cps. A trend is noted over the last few years in France, West Germany, England and other countries to adopt the normal-frequency AC system, particularly after the favorable results obtained from trial operation of this system in France. The problem is treated of selecting an electric locomotive system: (a) with a single-phase spinner motor; (b) with a single-to-3-phase conversion; (c) with commutator motors; (d) with single-phase-to-DC conversion with

Card 1/3

SOV/112-57-9-18861

Modern Commercial-Frequency AC Electric Locomotives and Electric Motor Cars multi-anode pumped rectifiers. Tables are presented with technical data on 50-cps AC electric locomotives of various types used in French railroads. A detailed analysis is given of performance of four different 50-cps AC electric locomotives used on the Valenciennes - Thionville line: Co-Co with a rotary single-phase-to-DC and a single-phase-to-3-phase converter; Bo-Bo with single-phase commutator motors and ignitron rectifiers. Rectifier-type electric locomotives are compared with rotary-converter types. A detailed analysis and a description are given of railroad electrification in the U.S.A. and the types of electric locomotives used (single-phase-to-3-phase and single-phase-to-DC with motor-generators); also, grounds are reported for the selection and wide adoption of a 25-cps, 11-kv single-phase-DC locomotive with a motor-generator. A trend in the U.S.A. is noted to reconsider the prevailing viewpoint about the advantages of Diesel traction over electric traction. A survey of commercial-frequency AC electric motorcars is presented. There are two practically acceptable types of 50-cps motorcars:

Card 2/3

SOV/112-57-9-18861

Modern Commercial-Frequency AC Electric Locomotives and Electric Motor Cars

with a single-phase-DC with a rectifier, and with a 50-cps commutator motor. Ignitron-type motorcars for the New York-New Haven railroad and some others are described. A table is presented with technical data of modern foreign motor-car sections with commutator 50-cps motors. Advantages of dry rectifiers are noted.

Ya. M. V.

Card 3/3

ROSENFEL'D, Vitaliy Yevgen'yevich; CHEBOTAREV, Yevgeniy Viktorovich;
SIDOROV, Nikolay Nikolayevich; BOLDOV, Nikolay Andreyevich;
TRAKHTMAN, L.M., red.; FRIDKIN, A.M., tekhn.red.

[Principles of electric traction] Osnovy elektricheskoi tiagi.
Moskva, Gos.energ.izd-vo. Pt.1. [Theory of train movement, traction
and braking characteristics, traction calculations and testing]
Teoriya dvizheniya poezda, tiagovye i tormoznye kharakteristiki,
tiagovye raschety i ispytaniya. 1957. 311 p. (MIRA 10:12)
(Electric railroads)

ZAKHARCHENKO, D.D., dotsent, kandidat tekhnicheskikh nauk; ISAYEV, I.P., dotsent, kandidat tekhnicheskikh nauk; KALININ, V.K., inzhener; KREST'YANOV, M.Ye., dotsent, kandidat tekhnicheskikh nauk; LAKSHTOVSKIY, I.A., dotsent, kandidat tekhnicheskikh nauk; MARKVARDT, K.G., professor, doktor tekhnicheskikh nauk; MEDVEI, V.B., professor, doktor tekhnicheskikh nauk; MIRONOV, K.A., inzhener; MIKHAYLOV, N.M., dotsent, kandidat tekhnicheskikh nauk; NAKHODKIN, M.D., dotsent, kandidat tekhnicheskikh nauk; OZEMBLOVSKIY, Ch.S., inzhener; OSIPOV, S.I., inzhener; ROMASHKOV, S.G., inzhener; SOKOLOV, L.S., inzhener; FAMINSKIY, G.V., kandidat tekhnicheskikh nauk; SHATSILLO, A.A., inzhener; SHLYAKHTO, P.N., dotsent, kandidat tekhnicheskikh nauk; BOVE, Ye.G., kandidat tekhnicheskikh nauk, retsenzent; PERTSOVSKIY, L.M., inzhener, retsenzent; ALEKSEYEV, A.Ye., professor, doktor tekhnicheskikh nauk, retsenzent; BATALOV, N.M., inzhener, retsenzent; VINBERG, B.N., inzhener, retsenzent; GRACHEVA, L.O., kandidat tekhnicheskikh nauk, retsenzent; YEVDOKIMOV, A.M., inzhener, retsenzent; KALININ, S.S., inzhener, retsenzent; TRAKHTMAN, L.M., kandidat tekhnicheskikh nauk, retsenzent; PILENIKOV, A.P., inzhener, retsenzent; GOKHSHTAIN, B.Ya., kandidat tekhnicheskikh nauk, retsenzent; IL'IN, I.P., inzhener, retsenzent; NAKHODKIN, M.D., dotsent, kandidat tekhnicheskikh nauk, retsenzent; TISHCHENKO, A.I., otvetstvennyy redaktor; BENSHEVICH, I.I., kandidat tekhnicheskikh nauk, redaktor; ZOROKHOVICH, A.Ye., dotsent, kandidat tekhnicheskikh nauk, redaktor; LUTSENKO, Ye.G., inzhener, redaktor; BOGOZHIN, A.P., inzhener, redaktor; SIDOROV, N.I., inzhener, redaktor; VERINA, G.P., tekhnicheskij redaktor
(Continued on next card)

ZAKHARCHENKO, D.D.---(continued) Card 2.

[Technical manual for railroad workers] Tekhnicheskii
spravochnik zheleznodorozhnika. Red. kollegiia R.G. Granovskii
i dr. Moskva, Gos. transp. shel-dor. izd-vo. Vol. 9.[Electric
railroad rolling stock] Elektropodvizhnoi sostav zheleznykh
dorog. Otv. red. toma A.I. Tishchenko. 1957. 652 p. (MLRA 10:4)

1. Chlen-korrespondent Akademii nauk SSSR. (for Alekseyev)
(Electric railroads--Rolling stock)

TRAKHTMAN, L.M.

Translation from: Referativnyy Zhurnal, Elektrotekhnika, 1957, Nr 3, 112-3-5959
p. 130 (USSR)

AUTHOR: Trakhtman, L.M.

TITLE: Study of Application of Regenerative and Rheostatic Braking for Motorcar Rolling Stock (Perspektivy primeneniya rekuperativno-reostatnogo tormozheniya na motorvagonnom podvizhnom sostave)

PERIODICAL: In Sbornik: Materialy nauch.-tekhn. soveshchaniya po tyagovomu elektrooborudovaniyu

ABSTRACT: The operating advantages of regenerative braking and difficulties encountered in applying it to motorcars are listed. This type of braking is used to a great extent only in two cases: in the motorcars of the 600-volt London subway system, using a metadyne, and in the 1,200-volt urban railroads in Hamburg, using a separate exciter with stabilizing resistance. The disadvantages of these systems are their large weight and complexity. A 3,300-volt regenerative and rheostatic motorcar braking system is proposed; the system is based on the following new principles: a) the use of traction motors which permit a wide range of control of magnetic flux and speed;

Card 1/3

Study of Application of Regenerative and Rheostatic Braking for
Motorcar Rolling Stock 112-3-5959

b) permanent series connection of four motors with a commutator voltage of 825 v; c) use of an exciter with differential winding without stabilizing resistance; d) automatic switching from regenerative to rheostatic braking with self-excitation when the exciter is switched off; e) automatic substitution of rheostatic braking for regenerative braking in the event the network voltage rises excessively; f) preliminary switching on of rheostatic braking before the start of regeneration; g) the use of a stabilizing transformer, the primary winding of which is connected to the armature circuit of the traction motors, and the secondary winding to the circuit of the separate exciting winding of the exciter; h) automation of the entire braking operation, with a wide range of control of the braking power. The technical solution to all the above principles and the economic characteristics of the regenerative and rheostatic braking system are given. For runs of 2 km and 4 km at

Card 2/3

Study of Application of Regenerative and Rheostatic Braking for
Motorcar Rolling Stock

112-3-5959

speeds of 45 km/hour and 63 km/hour, respectively, the power economy is 20% as compared with runs in which regeneration is not used. In addition, regenerative braking extends the range of economical speed of travel, which is computed by means of the formula:

$$K = \frac{dA}{dv} \cdot \frac{v}{A}$$

where k - index expressing the ratio of increase in power consumption to the increase in train speed in relative units; A - power consumption; v - train speed. Computations show that for a 2-km run at a speed of 45 km/hour, k = 0.7 when regeneration is employed, and k = 7.9 without regeneration. For a 4-km run at 63 km/hour, the respective values obtained are k = 0.86 and k = 4.95. Therefore, with regenerative braking the train speed can be increased without increasing power consumption. (The S.M. Kirov "Dynamo" Plant)

I.V.I.

ASSOCIATION: S.M. Kirov "Dynamo" Plant (Z-v "Dinamo" im. S.M. Kirova)

Card 3/3

TRAKHTMAN, L.M.

112-3-5977

Translation from: Referativnyy Zhurnal, Elektrotehnika, 1957,
Nr 3, p. 134 (USSR)

AUTHOR: Trakhtman, L. M.

TITLE: New Type of Electrical Equipment for Motorcar Trains
(Elektrooborudovaniye motorvagonnoy sektsii novogo tipa)

PERIODICAL: In Sbornik: Materialy nauch.-tekh. soveshchaniya po
tyagovomu elektrooborudovaniyu)

ABSTRACT: The "Dinamo" plant has developed new types of electrical
equipment for suburban trains having greater speed and
reliability. The traction motors are set in a frame
support, which is provided with a propeller driving gear;
the DK-1068 motor has a 220-kw capacity at a speed of
1,215 RPM and voltage of 1,650 v. Organo-silicon insula-
tion is used in a certain number of the traction motors.
The motors provide a speed of up to 115-125 km/hour for
a three-car train (consisting of one motorcar and two
trailer cars). For protection of the electrical equip-
ment, a new quick-acting circuit breaker of the SBT-5
type, has been developed; it cuts off short-circuit of

Card 1/2

TRAKHTMAN, L.M., kandidat tekhnicheskikh nauk.

New system of recuperative-rheostat braking for electric suburban
trains. Vest elektroprom 28 no.1:13-21 Ja '57. (MLRA 10:4)

1. Zavod "Dinamo" Ministerstva elektrotekhnicheskoy promyshlennosti.
(Railroads--Brakes)

STEPANOV, Aleksandr Dmitriyevich; EZRIN, Grigoriy Semenovich; VERKHOGLYAD, Vasilii Yefremovich; KUZNETSOV, Boris Georgiyevich; TRAKHTMAN, L.M., kand.tekhn.nauk, retsenzent; KAMENETSKIY, B.G., kand.tekhn.nauk, red.; NIKITIN, A.G., red.izd-va; MODEL', B.I., tekhn.red.

[Electric drive of diesel locomotives] Elektricheskaya peredacha teplovozov. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1959. 292 p. (MIRA 12:8)

(Diesel locomotives)

(Electric driving)

GARRO, M. [Garreau, Marcel]; VISLOUKH, L.A., inzh. [translator]; TRAKHTMAN, L.M., kand.tekhn.nauk [translator]; IVANOV, I.I., kand.tekhn.nauk [translator]; ROZENFEL'D, V.Ye., prof., doktor tekhn.nauk, obshchiy red.; BOBROVA, Ye.N., tekhn.red.

[Electric traction] Elektricheskaya tiaga. Pod obshchei red. V.E.Rozenfel'da. Moskva, Gos.transp.shel-dor.izd-vo, 1959. 386 p.
Translated from the French. (MIRA 13:3)
(Electric railroads)

TIKHOMENOV, Boris Nikolayevich; TRAKHTMAN, Leonid Mironovich; SOKOLOV,
L.S., inzh., red.; KHITROV, P.A., tekhn.red.

[Rolling stock of electric railroads] Podvizhnoi sostav
elektricheskikh zheleznykh dorog. Izd.2., perer. i dop. Moskva,
Gos.transp.zhel-dor.izd-vo. Pt.3. [Theory of operation of electrical
equipment, electrical circuits and instruments] Teoriia raboty elektro-
oborudovaniia, elektricheskie skhemy i apparaty. 1959. 416 p.

(MIRA 12:12)

(Electric railroads)

TRAKHTMAN, L.M., kand. tekhn. nauk

Study of transients in regenerative braking of electric
trains using analog computers. Elektrotehnika 34 no.11:
39-44 N '63. (MIRA 17:2)

PETROV, Boris Petrovich; STEPANOV, Aleksandr Dmitriyevich; MINOV, D.K., prof., retsenzent; DAVYDOV, M.A., dots., retsenzent; KOSAREV, G.V., dots., retsenzent; TRAKHTMAN, L.M., dots., retsenzent; SIDOROV, N.I., red.; LARIONOV, G.Ye., tekhn. red.

[Electrical equipment and automation of electric rolling stock] Elektricheskoe oborudovanie i avtomatizatsiia elektricheskogo podvizhnogo sostava. Izd.2., perer. i dop. Moskva, Gosenergoizdat, 1963. 303 p. (MIRA 17:3)

RUBCHINSKIY, Zigmund Moiseyevich, kand. tekhn. nauk; TASTEVEN, Yevgeniy Edmundovich, inzh.; SHIRYAYEV, Arkadiy Pavlovich, inzh.; DOLMATOV, A.A., kand. tekhn. nauk, retsenzent; LIBMAN, G.M., inzh., retsenzent; NAKHODKIN, M.D., kand. tekhn. nauk, retsenzent; SAZONOV, I.A., inzh., retsenzent; TRAKHTMAN, L.M., kand. tekhn. nauk, retsenzent; ZUBLEVSKIY, S.M., inzh., red.; RAKOV, V.A., inzh., red.; USENKO, L.A., tekhn. red.

[Design, arrangement, and working principles of the rolling stock of multiple-unit trains]Ustroistvo i rabota motorvagon-nogo podvizhnogo sostava. Moskva, Transzheldorizdat, 1962.
335 p. (MIRA 16:1)

(Electric railroads--Rolling stock)

YEFREMOV, Ivan Semenovich; MARKOVNIKOV, V.L., doktor tekhn. nauk,
nauchnyy red.; ~~TRAKHTMAN~~, L.M., kand. tekhn. nauk, dots.,
nauchnyy red.; OTOCHEVA, M.A., red. izd-va; LELYUKHIN, A.A.,
tekhn. red.

[Trolley buses; theory, design and construction] Trolleibussy;
teoriya, konstruktsiya i raschet. Izd.2., ispr. i dop. Moskva,
Izd-vo M-va kommun.khoz.RSFSR, 1962. 494 p. (MIRA 15:7)
(Trolley buses)

FRANKMAN, Leonid Mironovich; GORCHAKOVA, G.D., red.

[regenerative braking of electric rolling stock] *Elektricheskoe tormozhenie elektropodvizhnogo sastava*. / *Transport*, 1965. 20 p. (MIR 1965)

TRAKHTEN, N. N., VIGOTNEY, N. S., ALKHOLOVA, N. I.

"Hygienic effectiveness of control of the centralized water supply and sanitary conditions of reservoirs in the city of Moscow.

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists and Infectionists, 1959.

CA

14

Chlorine dioxide in water disinfection. M. N. Trakhtman. *Gigiena i Sanit.* 11, No. 10, 10-13 (1965). ClO_2 has a stable bactericidal effect at 5 mg/l. with *E. coli* cultures; 1 mg/l. shows bactericidal action after 30-min. contact. *B. anthracoides* gave bactericidal indications only after 15 min. with 50 mg/l.; chlorinated lime gave bactericidal effect in the latter case only at 250 mg/l. after 0.5-hr. contact. Treatment of *E. coli*-contaminated water requires 0.6 mg/l., although 0.2-0.4 lowers the count from 800,000/ml. to isolated individuals in 5 min. Suspended matter (clay, etc.) lowers the effectiveness of ClO_2 , but even here the use of 1 mg/l. is sufficient for bactericidal action. Increased alkalinity lowers the potency of ClO_2 with a significant drop occurring at pH 9. High carbonate hardness also lowers its effectiveness. Presence of both high carbonate and much org. matter requires an increase of dosage to 4-5 mg/l. Waters contg. PhOH do not develop a chlorophenol odor on addn. of 0.5-1 mg/l. ClO_2 even at 1:1,000,000 diln., a decided advantage over Cl_2 treatment. G. M. Kosolapoff

CA

14

Determination of active chlorine in water. N. N. Trakhtman. *Gigiena i Sanit.* 13, No. 7, 9-11(1948). - Active Cl must be detd. at the natural pH of the test sample without acidification, since adjustment of pH changes the active Cl content. Thus, a sample contg. 78-86% of initial charge of active Cl (calcd. from Ca hypochlorite added) at pH 6.3 gives but 68-70% at pH 6.8 and 63.5-69% at pH 8.0. The actual "natural" concn. is the only significant value in water purification. - G. M. Kowalski

ASB-5.1.1 METALLURGICAL LITERATURE CLASSIFICATION

CA

110

Oxidation-reduction potentials and bactericidal effect of chlorine and chlorine-containing substances. N. N. Trakhtman (Med. Inst., Moscow). *Gigiena i Sanit.* 1946, No. 2, 13-19.--Detn. of oxidation-reduction potentials and the bactericidal activity of Ca hypochlorite, $\text{Cl-H}_2\text{O}$, Chloramine-T, and ClO_2 solns. showed that the oxidation-reduction potentials of the 1st 2 decline sharply at pH values over 4-5, while those of the last 2 are quite stable and the effect is greatest in lowest concns. of the solns. The oxidation-reduction potentials of these solns. exceed the potential of the bacteria cultures and the bactericidal effect parallels the oxidation-reduction potential, giving an ascending series: hypochlorite, $\text{Cl-H}_2\text{O}$, ClO_2 and Chloramine-T. G. M. Kosolapoff

LA

Oxidation-reduction potential as an index in water

chlorination. N. N. Trakhtman (1st Lenin Med. Inst., Moscow). *Gigiena i Sanit.* 1950, No. 1, 19-22; cf. C.A. 44, 3564a. --Oxidation-reduction potential is not a satisfactory index for detn. of effectiveness of chlorination of drinking water, since the contents of the latter and the mode of chlorination are variable factors which are not shown up in this detn. It can be used in stationary installations where inflow water is under chem. control.

G. M. Kosolapoff

TRANSLATION, 12-17
Chemical Abstracts

Vol. 48 No. 5

Mar. 10, 1954

Water, Sewage, and Sanitation

Use of chlorine dioxide in purification of water. T. S. Redulévich, M. N. Svetlakova, and N. N. Trakhtman (1st Moscow Med. Inst., Ministry Health, U.S.S.R.) *Gigiena i Sanit.* 1953, No. 10, 14-17.—The bactericidal activity of ClO_2 against *Escherichia coli*, *Salmonella typhosa*, and *S. paratyphi* exceeds or at least equals that of Cl_2 . Its stability is greater than that of residual Cl_2 or chloramine in treated waters. ClO_2 has no advantages over Cl_2 for decolorizing water. G. M. Kosolapoff.

SOKOLOVSKIY, M.S., otvetstvenny red.; VEBER, L.G., red.; MUROVANNAYA, S.I.,
red.; KUDRINSKIY, I.N., red.; TRAKHTMAN, N.N., red.; CHERNIKOV, A.P.,
red.; YEVDOKIMOVA, Z.N., tekhn.red.

[Abstracts of works based on practical experience (1952-1954)]
Referaty nauchno-prakticheskikh rabot (1952-1954 gg). Pod red.
M.S.Sokolovskogo i dr. Moskva, Gos.izd-vo med.lit-ry, 1956. 247 p.
(MIRA 10:12)

1. Moscow. Moskovskaya gorodskaya sanitarno-epidemiologicheskaya
stantsiya.

(BIBLIOGRAPHY--PUBLIC HEALTH)

CHERKINSKIY, S.N.; TRAKHTMAN, N.N.

"Purification of industrial sewage." Edmund B. Besselièvre. Reviewed
by S.N. Cherkinskii, N.N. Trakhtman. Gig. i san. 21 no. 6:93-94 Je '56.
(MLRA 9:8)

(SEWAGE--PURIFICATION)
(BESSELIÈRE, EDMUND B.)

TRAKHTMAN, N.N., kandidat meditsinskikh nauk; SKIDAL'SKAYA, R.I.,
sanitarnyy vrach.

Measures for combating the pollution of Moscow River. Gqr.
khoz. Mosk. 30 no.8:15-18 Ag '56. (MLRA 9:10)

(Moscow Province--Water--Pollution)

TRAKHTMAN, N.N.

"Installations for the purification of sewage in West European countries"; a review . Reviewed by N.N.Trakhtman. Gig. i san.
22 no.3:90-91 Mr '57. (MLRA 10:6)
(SEWAGE--PURIFICATION)

MARNY, Aleksandr Nikolayevich; TRAKHTMAN, N.N., red.; SMNCHILO, K.K., tekhn.
red.

[Sanitary protection of open waters from contamination by radioactive substances] Sanitarnaya okhrana otkrytykh vodoemov ot zagriazneniya radioaktivnymi veshchestvami. Moskva, Gos. izd-vo med. lit-ry, 1958. 89 p. (MIRA 11:7)
(RADIOACTIVITY--SAFETY MEASURES) (WATER--POLLUTION)

SOKOLOVSKIY, M.S., otv.red.; VEBER, L.G., red.; MURVANNAYA, S.I., red.;
KUDRINSKIY, I.N., red.; TRAKHTMAN, N.N., kand.med.nauk, red.

[Abstracts of articles on research and practice, 1955-1957]
Referaty nauchno-prakticheskikh rabot, 1955-1957. Pod red.
M.S.Sokolovskogo i dr. Moskva, 1958. 428 p. (MIRA 13:6)

1. Moscow. Moskovskaya gorodskaya sanitarno-epidemiologicheskaya stantsiya. 2. Sanitarno-epidemiologicheskaya stantsiya g.Moskvy (for Trakhtman).

(PUBLIC HEALTH)

BERNZOVA, M.K., [deceased],; BORISENKOVA, R.V.,; IZRAEL'SON, Z.I., prof.;
KAPLUN, Z. S.; KLENOVA, Ye.V.; MOGILEVSKAYA, O.Ya.; TRAKHTMAN,
H.N., red.; BEL'CHIKOVA, Yu.S., tekhn. red.

[Manual of practical exercises in industrial hygiene] Rukovodstvo
k prakticheskim zaniatiyam po gijiene truda. Izd. 2., perer. i dop.
Moskva, Gos. izd-vo med. lit-ry, 1958. 441 p. (MIRA 11:11)

1. Záv. kafedroy gijieny truda I Moskovskogo ordena Lenina
meditsinskogo instituta imeni I.M. Sechenova (for Izrael'son).
(INDUSTRIAL HYGIENE)

CHERKINSKIY, S.N.; TRAKHTMAN, M.N., kand.med.nauk

Fluoridation of drinking water. Gig. i san. 23 no.1:51-56 Ja '58.
(MIRA 11:2)

1. Chlen-korrespondent AMN SSSR (for Cherkinskiy)
(FLUORIDATION
of drinking water, review)

CHERKINSKIY, S.N., prof., TRAKHTMAN, H.N., kand.med.nauk

Problem of practical water fluoridation. G1 & 1 san. 23 no.9:47-50
S '58 (MIRA 11:11)

1. Chlen-korrespondent AMN SSSR (for Cherkinskiy).
(FLUORIDATION,
in Russia, review (Rus))

TRAKHTMAN, N.N., kand. med. nauk.

Mechanism of the bactericidal action of chlorine in water disinfection.
Gig. i san. 23 no.12:68-69 D '58. (MIRA 12:1)

1. Iz kafedry kommunal'noy gigyeny I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova.

(WATER SUPPLY

chlorine as disinfectant, mechanism of action (Rus))

(CHLORINE

as water disinfectant, mechanism of action (Rus))

GABOVICH, Rafail Davidovich; TRAKHTMAN, N.N., red.; GABERLAND, M.I.,
tekhn.red.

[Textbook on public health] Uchebnik gigieny. Moskva, Gos.
izd-vo med.lit-ry, 1960. 406 p. (MIRA 13:11)
(PUBLIC HEALTH)

TRAKHTMAN, N.N.

New method for chlorinating water in wells. Gig.1 san. 25
no.7:112-113 J1 160. (MIRA 14:5)
(WATER—CHLORINATION)

IZMEROV, N.F., starshiy nauchnyy sotrudnik; TRAKHTMAN, N.N., dotsent

Congress of Hygienists and Sanitary Physicians. Gig. i san. 25
no. 12:99-102 D '60. (MIRA 14:2)

1. Iz kafedry kommunal'noy gigiyeny TSentral'nogo instituta
usovershenstvovaniya vrachey.
(SANITATION—CONGRESSES)

GOROMOSOV, Mikhail Solomonovich; TRAKHTMAN, N.N., red.; PRONINA, N.D.,
tekhn. red.

[Microclimate of dwellings and its hygienic normalization]
Mikroklimat zhilishch i ego gigienicheskoe normirovanie.
Moskva, Medgiz, 1963. 132 p. (MIRA 16:6)
(Dwellings--Hygienic aspects)

CHERKINSKIY, Samuil Naumovich; TRAKHTMAN, Nadezhda Naumovna; KHAMIDULLIN,
R.S., red.; BALDINA, N.F., tekhn.red.

[Disinfection of potable water] Obezrazhivanie pit'evoi
vody. Moskva, Medgiz, 1962. 273 p.

(MIRA 15:5)

(Water—Purification) (Drinking water)

BELYAYEV, I.I., prof.; BLIOKH, S.S., kand. med. nauk; GALOVICH, R.D.,
prof.; GORBOV, V.A., dots.; ZHABOTINSKIY, V.M., prof.;
ZASLAVSKAYA, R.M., kand. med. nauk; KIBAL'CHICH, I.A., kand.
med. nauk; KROTKOV, F.G., prof.; MOGILEVSKIY, Ya.A., kand. med.
nauk[deceased]; TRAKHTMAN, N.N., dots.; CHERKINSKIY, S.N., prof.;
GOROMOSOV, M.S., doktor med. nauk, red.; RYAZANOV, V.A., prof.,
red.; BUSHUYEVA, K.A., dots., red.; SELESKINIDI, I.G., dots.,
red.; OSTROVERKHOV, G.Ye., prof., glav. red.; PETROVA, N.K.,
tekhn. red.

[Manual on communal hygiene]Rukovodstvo po kommunal'noi gigiene.
Moskva, Medgiz. Vol.2. 1962. 763 p. (MIRA 15:12)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for
Krotkov). 2. Chlen-korrespondent Akademii meditsinskikh nauk
SSSR (for Cherkinskiy, Ryazanov).
(SOIL DISINFECTION) (WATER SUPPLY)

KIBAL'CHICH, Irina Alekseyevna; TRAKHTMAN, N.N., red.

[Sanitary problems in the building of hydraulic structures] Sanitarnye voprosy gidrostroitel'stva. Moskva, Meditsina, 1965. 245 p. (MIRA 18:6)

GABOVICH, Rafail Davydovich; TRAKHTMAN, N.N., red.

[Hygiene] Gigiena. Izd.2., ispr. i sokrashchennoe. Moskva,
Meditsina, 1965. 319 p. (MLRA 18:5)

TRAKHTMAN, Nadezhda Naumovna; TIKEROV, Nikolay Fedotovitch;
KHAMIDULIN, R.S., red.

[Communal hygiene] Kommunal'naya gigiena. Moskva, Meditsina, 1964. 346 p. (MIRA 17:8)

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756430001-4

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756430001-4"

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756430001-4

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756430001-4"

I 05283-67 EWT(d)/EWP(1) IJP(c) BB /GG/GD
ACC NR: AT6022672 SOURCE CODE: UR/0000/66/000/000/0053/0059

AUTHOR: Trakhtman, V. Yu.

ORG: none

TITLE: Matrix method of recognizing images and certain problems of constructing standards

SOURCE: Moscow, Institut avtomatiki i telemekhaniki. Samoobuchayushchiyesya avtomaticheskoye sistemy (Self-instructing automatic systems). Moscow, Izd-vo Nauka, 1966, 53-59

TOPIC TAGS: scientific standard, pattern recognition, speech recognition, character recognition, mathematic matrix

ABSTRACT: The matrix method of recognizing images examined in this article is based on the idea of processing the descriptions of objects by statistical methods. The basic characteristics of the method are as follows: 1) the criterion of recognition by common metric characters, i.e., the mutual differences between isolated points of space; 2) class standards are selected by the principle of isometric invariance; 3) Boolean space is used. By applying the algorithm of the measurement of common metric characters in Boolean space it is possible to realize machine recognition since here the statistic itself is used as the standard and the signs of

Card 1/2

L 05283-67

ACC NR: AT6022672

2
recognition remain non-isolated in the standard. Usually, standard methods of recognition are characterized by a certain limitation as a consequence of the use of various specific signs when simulating standards. In this case the specific character of the objects determines the selection of the element of description. Nevertheless, further processing, even up to construction of the standards, is completely unified. The author points out that Boolean space is used because the procedure of calculating the statistical characteristics of scattering, such as variance, is substantially simplified, which makes the algorithm advantageous in practice. Small experiments on recognizing hand-written letters and sounds of Russian speech were carried out by this method. These experiments confirmed the initial premises and will be continued on an expanded scale. The author thanks Cand. of Technical Sciences V. G. Frolushkin and I. N. Litvak for help in conducting this study. Orig. art. has: 16 formulas.

SUB CODE: 05,⁰⁹12/ SUBM DATE: 02Mar66/ ORIG REF: 003

Card 2/2 *egh*

TRAKHTMAN, Yakov Mikhaylovich; NEYMAN, M.I., red.; BEL'CHIKOVA,
Yu.S., tekhn. red.

[Four carrying a stretcher] Chetvero s nosilkani. Moskva,
Medgiz, 1961. 33 p. (MIRA 15:3)
(FIRST AID IN ILLNESS AND INJURY)

TRAKHTMAN, Ya. N.

ARKHANGEL'SKIY, Vladimir Georgiyevich; KONDRAT'YEV, Viktor Alekseyevich;
TRAKHTMAN, Ya. N., redaktor; BEL'CHIKOVA, Yu. S., tekhnicheskii
redaktor.

[To the student on organization of working and living habits]
Studentu ob organizatsii truda i byta. Moskva, Gos. izd-vo med.
lit-ry, 1955. 97 p. (MIRA 9:6)
(Students)

38273

TRAKHTMAN, YA. N.

Metodika provedeniya sanitarno-prosvetitel'-nykh besed. Med. Sestra, 1949,
No 12, s. 5-8

TRAKHTMAN, Ya. N.

"Methods of Anti-Influenza Propaganda. B Pomoshch'Sanprosvetrabotniki
(Handbook for Sanitary Educational Personnel), Moscow, 1952, pp 38-44.

TRAKHTMAN, YA. N.

37614

sostoyaniye i zarachi sanitarnogo prosveshcheniya v sanitarnoy i
protivotepidemicheskoy rabote.—sm 37543

So: Letopis' Zhurnal' nykh Statey, Vo. 37, 1949

TRAKHMAN, Ya.N. (Moskva)

Utilization of belles lettres in health education work. Fel'd. i
akush. 21 no.5:45-48 My '56. (MLRA 9:8)
(MEDICINE IN LITERATURE)
(HEALTH EDUCATION)

TRAKHTMAN, Yakov Naumovich.

[Restored vision; summary of lectures] Vozvrashchennoe zrenie;
konspekt lektsii. Nauchnyy konsul'tant A.V. Roslavtsev. Moskva,
In-t sanitarnogo prosveshcheniia, 1953. 27 p. (MIRA 11:9)
(CORNEA---SURGERY)

TRAKHMAN, YA N.

37543 sostoyaniye i zadachi sanitarnogo Prosveshcheniya V sanitarnoy i protivoe-
pidemicheskoy rabote v SSSR vsesoyuz S'yezd gigiyenistov, epidemiologov, mikrobi-
ologov i infeksionistov. T.I.M., 1949, s 257-59

SO: Letopis' Zhurnal'nykh Statey, Vol. 37, 1949

TRAKHTMAN, Ya.N. (Moskva)

Group reading of health educational materials. Med. sestra no.11:
26-27 N '54. (MIRA 7:12)

(HEALTH, education
group reading of popular materials)
(READING
group reading in health educ.)

TRAKHTMAN, YA. N.

TRAKHTMAN, YA. N. Voroshinskoye Dvizheniye Za Chistotu
I Kulturu Na Kroizvodstve Sm 34123.

SO: Letopis' Zhurnal'nykh Statey, Vol. 42, Moskva, 1949.

TRAKHTMAN, Yakov Naumovich; KOROSTELEV, N.B., red.; LYUDKOVSKAYA, N.I.,
tekh.n.red.

[Extracurricular and extrascholastic work on health education;
work outline of the Health Education House of the Bauman
District in Moscow] Vneklassnaia i vneshkol'naia sanitarno-
prosvetitel'naia rabota; ocherki raboty Doma sanitarnogo
prosveshcheniia Baumanskogo raiona g. Moskvy. Moskva, Gos.
izd-vo med.lit-ry Medgiz, 1960. 150 p. (MIRA 14:2)
(HEALTH--EDUCATION)

TRAKHTMAN, Ya.N. (Moskva)

Health education in controlling religious prejudices. Med. sestra 20
no.11:28-34 N '61. (MIRA 15:2)
(HEALTH EDUCATION) (MEDICINE AND RELIGION)

TRIMMAN, Ya. B.

34123. Voroshinskoye dvizheniye za chistotu i kul'turu na proizvodstve.
(Zadachi medrobotnikov). Fel'dsher i akusherka, 1949, No 11,
S. 49-52

SO: Knizhnaya Letovis' No. 6, 1955

TRAKHTMAN, Ya.N.

Helicopter ambulance. Zdorov'e 2 no.3:9 Mr '56

(MLRA 9:6)

(HELICOPTERS)(AERONAUTICS--RELIEF SERVICE)

TRAFHTMAN, Ya.N., vrach

Iodine. Zdorov'e 1 no.10:24 0 '55

(MLRA 9:5)

(IODINE)

TRAKHTMAN, YAKOV NAUMOVICH

EPP

.R93205

Meditcina I Religiya (Medicine and Religion) Moskva, Goskul'
Tprosvetizdat, 1956.

35,(2) p (Bibliotekha V Pomosh' Lektoru, No. 15)

"Literatura": p. (37)

MEA

1956, 12. ...

47
856
.361
1956

ORGANIZATSIYA I METODIKA SANITARNOPROSVEITEL'NOY RABOTY (ORGANIZATION
AND METHODS OF INSTRUCTION FOR PUBLIC HEALTH WORKERS, BY) I. S. SOLOV (1)
YA. N. TRAKHTMAN. IZD. 2. PER. 1 DOP. MOKVA, MEGIS, 1956. 199 p.
ILLU., DIAGR., TABLE.

THAKHTMAN, Yakov Naumovich

[Medicine does not recognize miracles] Meditsina ne priznaet
chudes. Moskva, Medgiz, 1956. 74 p. (MIRA 9:7)
(MEDICINE)

TRAKHTMAN, Yakov Naumovich; ZHUKOV, G.I., redaktor; CHERNOV, A.I., redaktor;
BEL'CHIKOVA, Yu.S., tekhnicheskii redaktor.

[Organization and methods of teaching public health in the U.S.S.R.]
Organizatsiia i metodika sanitarnogo prosveshcheniia v SSSR. Moskva,
Gos.izd-vo meditsinskoi lit-ry, 1956.55 p. (MLRA 9:4)
(Public health)

TRAKHTMAN, Yakov Naumovich; IVANOV, I.G., kandidat filosofskikh nauk,
nauchnyy redaktor; KOLOMIYTSOVA, O.I., redaktor; ROZEN, E.A.,
tekhnicheskii redaktor

[Medicine and religion] Meditsina i religia. Moskva, Gos. izd-vo
kul'turno-prosvetitel'noi lit-ry, 1956. 35 p. (Biblioteka v
pomoshch' lektoru, no.15)
(MEDICINE AND RELIGION)

ZORIN, Vladimir Samsonovich; TRAKHTMAN, Ya.N., red.; BEL'CHIKOVA, Yu.S.,
tekhn.red.

[Remember: gas is dangerous!] Pomnits: gaz nebezopasen! Moskva,
Medgiz, 1958. 7 p. (MIRA 13:5)
(Gas--Safety measures)

TRAKHTMAN, Ya.N.

Clean hands. Zdorov'e 4 no.12:16-17 D'58
(HANDS--CARE AND HYGIENE)
(INTESTINES--BACTERIOLOGY)

(MIRA 11:12)